



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706-2239 • (208) 373-0550

Dirk Kempthorne, Governor
C. Stephen Allred, Director

December 3, 2001

CERTIFIED MAIL # 7000 1530 0005 5348 3000

Ms. Bonnie Short, Vice President
Consolidated Concrete Company
P.O. Box 0225
Boise, Idaho 83707

RE: T2-000034, Consolidated Concrete Company, Boise, Idaho
Final Tier II Operating Permit No. #001-00046

Dear Ms. Short:

The Idaho Department of Environmental Quality (Department) is issuing Tier II Operating Permit Number 001-00046 for Consolidated Concrete Company in accordance with IDAPA 58.01.01.400 through 406 (*Rules for the Control of Air Pollution in Idaho*) (*Rules*).

The enclosed Tier II Operating Permit is based on the information contained in your permit application and on the relevant comments received during the public comment period. **This Tier II permit is effective immediately and supercedes your previous permit issued on July 25, 1977.** Modification to and/or renewal of this Tier II permit should be requested in a timely manner in accordance with the *Rules*.

You are encouraged to attend a meeting with the Department to discuss the permit terms and requirements with which your facility must comply. Mr. Thomas Krinke of the Boise Regional Office will contact you regarding this meeting. The Department strongly recommends that in addition to your facility's plant manager, your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions also attend the meeting.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to IDAPA 58.01.23 (*Rules of Administrative Procedure Before the Board of Environmental Quality*). A petition may be filed with the Hearings Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise, ID 83706-1255, within 35 days of the date of this decision. However, the Department encourages you to contact Marjorie MartzEmerson at (208) 373-0502 to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Mike Simon at (208) 373-0502 or via e-mail at msimon@deq.state.id.us.

Sincerely,

Stephen E. West
Regional Administrator
Boise Regional Office

SEW/REB/cm g:\baldwin\op\12\consolidated final permit.ltr

Enclosure

cc: Faye Weber, Air Quality Division
Boise Regional Office Source File
[REDACTED]
Reading File
Laurie Kral, EPA Region 10



**Air Pollution
TIER II OPERATING PERMIT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 001-00046

AQCR: 64

CLASS: B

SIC: 3273

ZONE: 11

UTM COORDINATE (km): 554.3, 4823.5

1. PERMITTEE

Consolidated Concrete Company

2. PROJECT

Tier II Operating Permit

3. MAILING ADDRESS

P.O. Box 9225

CITY

Boise

STATE

Idaho

ZIP

83707

4. FACILITY CONTACT

Bonnie Short

TITLE

Manager

TELEPHONE

(208) 939-0303

5. RESPONSIBLE OFFICIAL

Bonnie Short

TITLE

Manager

TELEPHONE

(208) 939-0303

6. EXACT PLANT LOCATION

11532 W. Joplin Road

COUNTY

Ada

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Concrete Production

8. PERMIT AUTHORITY

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 58.01.01.400 and pertains only to emissions of air contaminants which are regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit.

This permit has been granted on the basis of design information presented in the application and the Idaho Department of Environmental Quality's (Department) technical analysis of the supplied information. Changes in design or equipment that results in any change in the nature or amount of emissions, may be a modification. Modifications are subject to the Department review in accordance with section 58.01.01.200 of the *Rules for the Control of Air Pollution in Idaho*.


ADMINISTRATOR, BOISE REGIONAL OFFICE
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: December 3, 2001

DATE EXPIRES: December 3, 2006

Permittee: Consolidated Concrete Company
Location: Boise, Idaho

Date Issued: December 3, 2001
Date Expires: December 3, 2006

SOURCE: Sand & Gravel Transfer, Weigh Hopper, Truck Mixing, Vehicle Traffic, and Associated Emissions.

1. EMISSION LIMITS

1.1 Emission Limits

Particulate matter (PM) and particulate matter with an aerodynamic diameter less than or equal to a nominal ten micrometers (PM₁₀) emissions from the sand and gravel transfer, weigh hopper, truck mixing, vehicle traffic and wind erosion, shall not exceed the pounds per hour (lb/hr) and the tons per any consecutive twelve (12) month period limits listed in the Appendix.

1.2 Opacity Limit

Emissions from the sand and gravel transfer, weigh hopper, truck mixing, vehicle traffic and associated processes, or any other stack, vent, or functionally equivalent opening, shall not exceed 20 percent opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625 (*Rules for the Control of Air Pollution in Idaho*). Opacity shall be determined by the procedure contained in IDAPA 58.01.01.625.

1.3 Visible Emission Limits

Visible emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three minutes in any 60-minute period. Visible emissions shall be determined by EPA Reference Method 22 (as described in 40 CFR 60), the Appendix, or Department-approved alternative method.

2. OPERATING REQUIREMENTS

2.1 Operating Requirements

The sand and gravel transfer, weigh hopper, and truck mixing shall be operating within their respective operating and maintenance (O&M) manual or their manufacturer's specifications anytime their related process(es) is/are in operation.

2.2 Concrete Baghouse

The concrete baghouse and the building covering process operations shall be maintained as stated within the manufacturer's specifications or the O&M manual. Documentation of the maintenance or change of operation of the concrete baghouse and the building covering process operations shall remain onsite at all times and shall be made available to Department representatives upon request.

2.3 Material Throughput

The permittee shall not exceed the production of 250,000 cubic yards of concrete per any consecutive 12-month period.

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2.3 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent PM from becoming airborne as required in IDAPA 58.01.01.651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:

- 2.3.1** Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands;
- 2.3.2** Application, where practical, of asphalt, oil, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust;
- 2.3.3** Installation and use, where practical, of hoods, fans and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations;
- 2.3.4** Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;
- 2.3.5** Paving of roadways and their maintenance in a clean condition, where practical; or
- 2.3.6** Prompt removal of earth or other stored material from streets, where practical.

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Monitor Operation Parameters

The permittee shall monitor and record on a weekly basis, any visible emissions from the concrete baghouse. The most recent two years' compilation of records shall be kept onsite, in a record, and shall be made available to Department representatives upon request.

3.2 Concrete Production

The permittee shall maintain a record of the cubic yards of concrete produced per any consecutive 12-month period. Production records shall be updated monthly.

3.3 Operations and Maintenance Manual Requirements

Within 60 days after permit issuance, the permittee shall have developed an O&M manual for the concrete baghouse and the water usage covering the concrete production operation that describes the procedures followed to comply with General Provision B and the manufacturer's air pollution control device specifications. This manual shall remain onsite at all times and shall be made available to Department representatives upon request.

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4. REPORTING REQUIREMENTS

4.1 Certification of Documents

All documents submitted to the Department, including but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

AIR QUALITY TIER II OPERATING PERMIT NUMBER: 001-00046

PERMITTEE: CONSOLIDATED CONCRETE COMPANY
LOCATION: BOISE, IDAHO

DATE ISSUED: DECEMBER 3, 2001
DATE EXPIRES: DECEMBER 3, 2006

Appendix**APPENDIX****Consolidated Concrete Company****Hourly (lb/hr)^b and Annual^c (T/yr)^d Point Source Emissions Limits^a**

SOURCE	PM ₁₀	
	lb/hr	T/yr
Concrete Storage Silo Baghouse	0.7	0.1
Associated Process Emissions	16	20

- ^a As determined by a pollutant-specific U.S. EPA reference method, Department-approved alternative, or as determined by the Department emission estimation methods used in the permit application analysis.
- ^b Pound per hour
- ^c As determined by multiplying the actual or allowable (if actual is not available) lb/hr emission rate by the allowable hours per year that the process(es) may operate, or by actual annual production rates.
- ^d Tons per year
- ^e PM₁₀ - particulate matter with an aerodynamic diameter of 10 microns or less.

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GENERAL PROVISIONS

TIER II OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
1. To enter upon the permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 2. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 9-342A, *Idaho Code*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Department.
- E. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within 60 days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the permittee to develop a list of operation and maintenance procedures to be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I. Performance tests (i.e. air emission source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with IDAPA 58.01.01.157. Such testing shall not be conducted on weekends or state holidays unless the permittee obtains prior Department approval.

The permittee shall submit a proposed test date for **each** performance test required by this permit to the Department for approval at least 15 days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The permittee shall promptly notify the Department of any change in the proposed test date and shall provide at least 5 working days advanced notice prior to conducting any rescheduled test, unless the Department approves a shorter notice period.

Within 30 days of the date on which a performance test required by this permit is concluded, the permittee shall submit to the Department a performance test report for the respective test. The performance test report shall

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include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120 percent of the average operating rate attained during the most recent performance test conducted pursuant to this permit, for which a test protocol has been granted prior approval by the Department, which demonstrated compliance with the respective pollutant emission limit unless (1) a more restrictive operating limit is specified elsewhere in this permit or (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- J. The provisions of this permit are severable; if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.